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AUTHOR(S):

稲田, 務; 後藤, 薫; 大森, 孝郎; 新谷, 浩; 仁平, 寛巳;  
酒徳, 治三郎; 八田, 栄造; ... ト部, 敏人; 麻生田, 幸雄;  
村上, 仁勇

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## 昭和31年度京大泌尿器科患者の統計的観察

京都大学医学部泌尿器科教室（主任 稲田教授）

教授 稲田 務

後藤 薫	大森 孝郎	新谷 浩	仁平 寛巳
酒徳治三郎	八田 栄造	日野 豪	杉山 喜一
片村 永樹	山崎 巖	卜部 敏人	麻生田幸雄
村上 仁勇			

### Statistical Investigation on Patients, Operations and Main Urological Examinations in Department of Urology, Kyoto University in 1956.

Tsutomu INADA, Kaoru GOTO, Takao OMORI, Hiroshi SHINTANI,  
Hiromi NIHIRA, Jisaburo SAKATOKU, Eizo HACHIDA, Takeshi HINO,  
Kiichi SUGIYAMA, Eizyu KATAMURA, Iwao YAMASAKI, Toshito URABE,  
Sachio ASODA and Masao MURAKAMI.

*From the Department of Urology, Faculty of Medicine, Kyoto University*  
(Director : Prof. T. Inada)

The following results were obtained through statistical survey on out-and inpatients, who were consulted our clinic from January to December in 1956.

Number of outpatients was 2132 (1608 males and 524 females) and inpatients were 281 cases.

The results were represented in tables.

### I 緒 言

昭和 30 年度の我が教室の外来患者，入院患者，手術，主要検査等に関しては，泌尿紀要 2 巻 4 号 227 頁にて統計的に記載した。昭和 31 年度も同様の分類法に準じて観察を行つたので，ここに前年度と比較考察を行うと共に，逐年の推移を知る資料としたい。

### II 外来患者

本年度の外来患者総数は 2,132 名で，その内男子 1,608 名，女子 524 名で，総数は 30 年度より 142 名増加している。その内，重要疾患を Table 1 に示したが尿路性器結核症が前年度と同様に主位を占め 385 例（18.1%）で，奇形および發育異常がこれに次ぎ，以下結石，性病関係，腫瘍の順となり，この順位は 30 年度と変化はない。

時間外緊急外来患者は 41 例でその内尿閉が約半数を占める（Table 2）。

次いで主要疾患別に観察して述べる。

#### 1) 性病関係（非淋性尿道炎を含む）

非淋性尿道炎が 100 例で 30 年度と同様最高である。急性淋疾は 32 例で前年より増加しているが，淋後性尿道狭窄は 30 年度の 60 例に対して 31 例と減少している（Table 3）。その他性病に関する診察をもとめて来た患者で異常のないもの 192 例があつた。

#### 2) 尿路性器結核症

腎（膀胱）結核症 105 例，副腎丸結核症 57 が主なものであるが，両腎・膀胱結核が前年度の 10 例に比べ 23 例に増加している（Table 4）。

#### 3) 尿路結石症

上部尿路結石症 168 例，下部のそれは 50 例で，上部が 30 年度より更に増加して上下の比が 3 : 1 となつて

いる (Table 5).

#### 4) 尿路性器腫瘍

悪性腫瘍中では膀胱30例が最も多く、良性のものである前立腺肥大症66例、膀胱乳頭腫14例が主なものである (Table 6).

#### 5) 尿路性器奇形・發育異常

膀胱三角部異常症129例、包茎99例、腎下垂64例等である (Table 7).

#### 6) 尿路性器外傷・異物

外傷後尿道狭窄が最も多く、膀胱異物の1例は蠟燭であつた (Table 8).

#### 7) その他

その他の上部尿路疾患では水腎症82例、腎出血56例が主である (Table 9). 下部では膀胱炎が365例で最多である (Table 10). その他の性器疾患は Table 11 に示した. 泌尿器科的正常は395例、他科疾患中内科的疾患が45例で最も多く、これらをに表示した.

### Ⅲ 入院患者

入院患者総数は281名 (男子205名、女子76名) で、結核が第1位で結石が第2位、次いで腫瘍である (Table 13). これらの細目を Table 14~17 に表示した.

### Ⅳ 主要手術々式、検査法並びに処置

手術総数は385回で、手術を受けた患者数は325名である. 腎切除術が68回 (内腎結核54) が最高で諸種上部尿路切石術は47回を算する (Table 18).

膀胱鏡検査回数は1673で同検査を受けた患者数は1,077名である. その他の主要検査及び処置と共に Table 19 に示した.

主要レ線検査法は Table 20 の如くである.

### Ⅴ 総括並びに結語

昭和31年度における京大泌尿器科外来患者、入院患者、手術々式、主要諸検査について統計的観察をこころみ、これを表示した.

外来患者数 2,132, 入院患者281, 手術数385 膀胱鏡検査数 1,673, レントゲン検査数 3,365 等である.

Table 1. Main Diseases of Outpatients

	No. of Cases
Veneral Disease	198 (9.3%)
Urogenital Tbc.	385 (18.1%)
Urolithiasis	296 (13.9%)
Tumor	196 (9.2%)
Malformation	374 (17.5%)
Injury	20 (0.9%)

Table 2. Emergent Cases Admitted after Consultation Time

Symptom	No. of Cases
Urinary Retention	22
Renal Colic	8
Anuria	3
Severe Hematuria	2
Miscellaneous	6
Total	41

Table 3. Veneral Disease

	No. of Cases
Acute Gonorrheal Urethritis	32
Chronic Gonorrheal Urethritis	5
Acute Gonorrheal Epididymitis	1
Chronic Gonorrheal Epididymitis	2
Gonorrheal Cervicitis	7
Postgonorrheal Urethral Stricture	31(2)*
Shancroid	10
Shancro	1
Latent Syphilis	7
Non-gonococcal Urethritis	98(male) 2(female)
Total	198

No. of Patients : 195

\*Postoperative Cases

Table 4. Urogenital Tuberculosis

	No. of Cases
L-Renal and Vesical Tbc.	34
R-Renal and Vesical Tbc.	36
Both Renal and Vesical Tbc.	23
L-Renal Tbc.	7
R-Renal Tbc.	5
Uncertain Urinary Tbc.	25
Postoperative Renal Tbc.*	94
Tuberculous Contracted Bladder	2
Tuberculous Urethral Stricture	4

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L-Epididymitis Tbc.	24	57	145
R-Epididymitis Tbc.	24		
Both Epididymitis Tbc.	9		
Uncertain Epididymitis Tbc.	9		
Postoperative Epididymitis Tbc.	36		
Prostatic Tbc.	38		
Uncertain Prostatic Tbc.	2		
Tbc. of Seminal Bladder	2		
Tbc. of Spermatic Coad	1		
Total	385		

No. of Patients : 291

\* Nephrectomy : 92 and Partial Nephrectomy : 2

Table 5. Urolithiasis

	No. of Cases	
<i>R</i> -Kidney	31	168
<i>L</i> -Kidney	36	
Both Kidneys	9	
<i>L</i> -Ureter	47	
<i>R</i> -Ureter	32	
Both Ureters	1	
Kidney and Ureter (Same Side)	7	
Kidney and Ureter (Other Side)	4	
Both Kidneys and a Ureter	1	
Uncertain Upper Urinary Tract Stone	19	219
Postoperative Upper Urinary Tract Stone*	32	
Bladder	40	
Urethra	8	50
Prostate	2	
Postoperative Bladder Stone	2	52
Spontaneous Discharge of Stone	25	
Total	296	

No. of Patients : 273

\* Nephrectomy : 9, Nephrolithotomy 7, Pyelolithotomy : 1, Ureterolithotomy : 13 and Nephroureterolithotomy : 2

Table 6. Tumor

	No. of Cases
Renal Tumor	6 (4)*
Uncertain Renal Tumor	8
Ureteral Tumor	1

Bladder Papilloma	14
Bladder Tumor	30 (8)*
Uncertain Bladder Tumor	4
Urethral Tumor	8 (1)*
Urethral Caruncle	12
Penile Tumor	1
Prostatic Hypertrophy	66 (4)*
Uncertain Prostatic Hypertrophy	1
Prostatic Tumor	10 (3)*
Testicular Tumor	3
Uncertain Testicular Tumor	1
Tumor of Spermatic Cord	1
Adrenal Tumor	2
Other Abdominal Tumor	7
Tumor of Female External Genitalia	1
Total	196

No. of Patients : 187

\* No. of Postoperative Cases

Table 7. Malformation

	No. of Cases
Dwarfish Kidney	2
Horseshoe Kidney	2
Dystopic Kidney	9
Aplasia of Kidney	3
Ptotic Kidney	64
Supernumerary Kidney	9
Polycystic Kidney	6
Solitary Cyst of Kidney	1
Ectopic Ureter Opening	1
Cystic Dilatation of Ureter End	1
Diverticle of Bladder	7
Trigonal Anomaly	129
Hypospadias	10
Congenital Urethral Stricture	5
Diverticle of Urethra	1
Phimosis	99
Paraphimosis	5
Micropenis	8
Cryptorchidism	7
Aplasia of Spermatic Duct	2
Occlusion of Spermatic Duct	2
Spina Bifida Occulta	1
Total	374

No. of Patients : 345

Table 8. Injury and Foreign Body

	No. of Cases
Injury of Bladder	1
Injury of Urethra	2
Postoperative Urethral Stricture	8
Injury of Penis	4
Dysuria and Impotence due to Spinal Injury	4
Foreign Body of Bladder	1
Total	20

No. of Patients : 18

Table 9. Other Disease of Upper Urinary Tract

	No. of Cases
Hydronephrosis	82
Pyelitis	23
Nephritis	23
Pyelonephritis	5
Pyonephrosis	10
Renal Bleeding	56
Perirenal Abscess	1
Ureteral Stricture	13
Ureterovaginal Fistula	1
Ureteritis	13
Chyluria	4
Miscellaneous	62

Table 10. Other Diseases of Lower Urinary Tract

	No. of Cases
Acute Cystitis	106
Chronic Cystitis	91
Trigonitis	125
Sphincteritis	25
Hemorrhagic Cystitis	18
Bladder Neurosis	11
Neurogenic Bladder	17
Leukoplakia of Bladder	8
Vesicovaginal Fistula	2
Bladder Neck Obstruction	10
Enuresis	32
Vesicouracal Fistula	1

Prolapsus Urethrae	3
Urethral Fistula	5
Periurethral Abscess	4
Miscellaneous	20

Table 11. Other Disease of Genital Organ

	No. of Cases
Acute Orchitis	3
Hydrocele	16
Atrophy of Testis	15
Male Sterility	18
Azoospermia	5
Oligozoospermia	5
Varicocele	1
Spermatocele	5
Ejaculatio Praecox	4
Spermatic Hydrocele	2
Acute Epididymitis	9
Prostatitis	18
Prostatic Abscess	3
Spermatocystitis	8
Impotence	11
Sexual Neurasthenia	19
Balanoposthitis	28
Herpes progenitalis	11
Condyloma acuminatum	18
Simple Erosion	4
Inguinal Hernia	5
Miscellaneous	17

Table 12. Miscellaneous

	No. of Cases
Urological Normal	395
Medical Disease	45
Surgical Disease	15
Gynecological Disease	14
Psychiatric Disease	11
Dermatological Disease	28
Orthopedic Disease	10
Miscellaneous	8

Table 13. Main Diseases of Inpatients

	No. of Cases	No. of Diseases
Urogenital Tbc.	101(35.9%)	122
Urolithiasis	80(28.5%)	94
Tumor	65(23.1%)	61
Miscellaneous	100(35.6%)	116

Total No. of Inpatient : 281 (male : 205 and female : 76) (Of these patients, 57 cases had two or more diseases.)

Table 14. Urogenital Tbc. (Inpatient)

	No. of Cases
Renal (and Vesical) Tbc.	53 (10)*
Tuberculous Contracted Bladder	5
Epididymitis Tuberculosa	9 (7)*
Prostatic Tbc.	5
Tuberculous Urethral Stricture	2
Tbc. of Seminal Bladder	1
Total	122

No. of Patients : 101

( ) \* Postoperative Cases

Table 15. Urolithiasis (Inpatient)

	No. of Cases
Kidney	47 (3)*
Ureter	36 (2)*
Bladder	5
Urethra	1
Total	94

No. of Patients 80

( ) \* Postoperative Cases

Table 16. Tumor (Inpatient).

	No. of Cases
Renal Tumor	5 (3)*
Ureteral Tumor	1
Vesical Tumor	19 (3)*
Urethral Tumor	3
Prostatic Tumor	4
Testicular Tumor	3
Adrenal Tumor	2

Prostatic Hypertrophy	20 (2)*
Total	65

No. of Patients : 61

( ) \* Postoperative Cases

Table 17. Other Main Diseases

(Inpatient)	No. of Cases
Hydronephrosis	24
Renal Bleeding	12
Urethral Stricture	10
Pyonephrosis	6
Urethral Fistula	3
Neurogenic Bladder	2
Ptotic Kidney	2
Aplasia of Kidney	2
Hypospadias	2
Diverticulum of Bladder	2
Prolapsus Urethrae	2
Miscellaneous	49

Table 18. Main Operations.

	Times
Nephrectomy	68
Partial Nephrectomy	3
Heminephrectomy	1
Nephrolithotomy	13
Pyelolithotomy	7
Nephropylolithotomy	1
Nephroureterolithotomy	1
Nephropexy	1
Nephrostomy	2 (1)*
Pyeloureteroplasty	2
Puncture of Polycystic Kidney	3
Incision of Perirenal Abscess	1
Exploration of Kidney	4
Ureterolithotomy	25
Ureteroplasty	1
Ureterocutaneostomy	15 (7)*
Ureteroneocystostomy	1
Ureterectomy	1
Total Cystectomy	9
Partial Cystectomy	5
Diverticulectomy of Bladder	2
Suprapubic Cystolithotomy	2
Suprapubic Cystostomy	1

Plastic Operation of Bladder	1
Denervation of Bladder	1
Operation for Incontinence	1
Urethroplasty with Sectio Alta	5
External Urethroplasty	9
Fistectomy of Urethra	3
Prostatectomy	13
Prostatectomy with Cystolithotomy	2
Operation for Prolapsus Urethrae	3
Phalloplasty	1
Adrenalectomy	2
Orchiectomy	7 (3)*
Orchidopexy	1
Partial Orchiectomy	1
Epididymectomy	35 (29)*
Vasectomy	37
Winkelmann's Operation	2
Oophorectomy	1
Spermatocectomy	1
Phimotomy	47
Inguinal Herniotomy	1
Explorative Laparotomy	4
Miscellaneous	40
Total	385

No. of Patients : 325

( ) \* Operation for One Side

Table 20. Main Urography

	Time
Plain Taking	1513
Retrograde Pyelography	951
Excretory Pyelography	291
Directe (Percutaneous) Pyelography	15
Utrterography	54
Pneumoretroperitoneum	60
Cystography	75
Urethrography	293
Aortography	35
Phlebography	5
Vesiculography	69
Fistelography	4
Total	3365

Table 19. Main Urological Examination and Minor Treatment

	Time
Cystoscopy	1673
Ureteral Catheterization (Both Sides)	718
"                    (One Side)	158
"                    (Looped Catheter)	19
Transurethral Electrocoagulation	104
Lithotripsy	10
Removal of Vesical Stone with Rongeur	33
Urethroscopy	3
Romanoscopy	1
Bouginae	327
Puncture of Renal Pelvis	14
Puncture of Bladder	1
Puncture of Hydrocele	10
Culture of Gonococcus	122
Testicular Biopsy	54
Prostatic Biopsy	14